		Under the Paperwo	k Redu	OIF E	PTO/SB/08a (08- Approved for use through 07/31/2008. OMB 0851-0 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMER re required to rescord to a codecoor of information unless chordina valid OMB control num			
1	Substitute for form 1449A/PTO APR 0 7 2005 6				Complete if Known			
			\-	.""	Application Number	10/700,971		
	INFORMATION DISCLOSURES				Filing Date	November 4, 2003		
					First Named Inventor	Muthiah Manoharan		
					Art Unit	To Be Determined		
L		(Use as many she	ets as	necessary)	Examiner Name	To Be Determined		
C	Sheet	1	of	2	Attorney Docket Number	ISIC0009-101 (CHEM0005US.P1)		

			U.S. PATENT D	OCUMENTS		
Exemner	Cite	Document Number	Publication/Issue Date MM-DD-YYYY	Name of Petentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan	
Initials *	No.1	Number - Kind Code <sup>2</sup> (if known)			Passeges or Relevant Figures Appear	
	HG	US-5,998,588	12-07-1999	Hoffman et al.		
	HI	US-2003/0190635 A1	10-09-2003	McSwiggen et al.		
	HJ	US-2002/0102267 A1	08-01-2002	Lu et al.		
	HK	US-2002/0151512 A1	10-17-2002	Peyman et al.		
	HL	US-2002/0156235 A1	10-24-2002	Manoharan et al.		
		US-				
	1	US-				
	1	US-				
		US-				
		US-				
		US-				
	1	US-				
	T	US-				
		US-				
		US-				
	I	US-				
	1	US-				

FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant		
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Date/Filing Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T <sup>0</sup>	
			<u> </u>				
						-	
	-						

Examiner
Signature

Date
Considered

EXAMINEE: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and no

\*\*E-X-AMMENT: Immail in raiserance considered, whether or not claimon is in conformance with MPPE 969. Draw line through claim of in of inconfirmance and not considered. Include copy of this form with next communication be applicant. \*Applicant's surjude claimed designation number of polytonal, \*See Kintalo Codes of USPTO Patent Documents at <a href="https://www.uspid.org/">https://www.uspid.org/</a> or MPEP 961.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST3), \*For Japaness patent documents, the indication of the year of the region of the Empartor must precode the sarial number of the patent document. \*Year of the patent of the region of the Empartor must precode the sarial number of the patent document. \*Year of the patent of the patent of the region of the Empartor must precode the sarial number of the patent document. \*Year of the patent of the patent of the region of the Empartor must precode the sarial number of the patent document. \*Year of the patent of the patent

This collection of information is required by 3T CFR 197 and 198. The information is required to obtain or retain a benefit by the public velocity is fee fined by the USFYD or process an application. Confederablly is governed by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 to complete, including gathering, preparing, and submitting the competed explication from 1 the USFYD. Time will vary deporting upon the individual card, you comments on the amount of time you require to complete applications for reducing the stored, and but set to the Chief in thorosation Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22315-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND 107. Commissioner of Pretents, P.O. Box 1450, Alexandria, VA 22315-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND 107. Commissioner for Pleases, P.O. Box 1450, Alexandria, VA 22315-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS

If you nead assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Examiner

PTO/SB/08b(08-03)
Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control num								
Substitut	titute for form 1449B/PTO			Complete if Known					
INIEC	DILATION		CLOSURE	Application Number	10/700,971				
				Filing Date	November 4, 2003				
STA	TEMENT B	SY A	PPLICANT	First Named Inventor	Muthiah Manoharan				
				Art Unit	To Be Determined				
	(Use as many sh	ieets as	necessary)	Examiner Name	To Be Determined				
Sheet	2	of	2	Attorney Docket Number	ISIC0009-101 (CHEM0005US.P1)				

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-iss No.¹					
	нм	Astriab-Fisher et al., "Conjugates of antisense oligonucleotides with the TAT and antenna pedia cell- penetring peptides: effects on cellular update, binding to target sequences and biologic actions," Pharmaceutian Research (2002) 19(6):744-758.				
	HN	Fire et al., "RNA-triggered gene silencing," TIG (1999) 15(9):358-363.				
	но	Veronese et al., "Bioconjugation in pharmaceutical chemistry," IL Farmaco (1999) 54:497-516.				
	HP	International Search Report dated March 24, 2005 for International Application No. PCT/US03/35088.				

Signature	/Sean wicgarry/	Considered	00/10/2000

Coop Magarny

Date

06/16/2008

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<sup>&</sup>quot;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comminication to applicant.

Applicant's unified relation designation number (optional). "Applicant is to place a check mark here if English language Translation is attached.

Applicants unique citation designation number (optional). "Applicants to place a check mark here (English language Transation is attached.

When the USPTO is processed an application conformation of the USPTO is processed an application is a statched and the USPTO is processed an application conformation as of the USPTO is processed an application is a statement to last 20 minutes to complete, including gathering, preparing, and aubentiting the completed application from bite USPTO. Time will vary depending upon the individual concessed, and comments on the amount of time you require to complete his form and/or suggestions for reducing this brusher, should be sent to the Chief information Officer, US Parlett and Trademark Officer, US Department of Commence, P.O. Box 1450, Alexandria, VA 22731-1450. DO NOT SCND 1450.

1500.